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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: OGATA ET AL.  
Serial No.: 09/600,203  
Filed: AUGUST 9, 2000  
Confirmation No.: 7904  
Due Date: MARCH 5, 2003  
Title: FILTER CARTRIDGE

Examiner: M. SAVAGE  
Group Art Unit: 1723  
Docket: 13409.1USWO

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By:   
Name: Douglas P. Mueller

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Washington, D.C. 20231

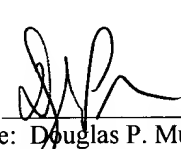
Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment Including Version With Markings To Show Changes Made
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

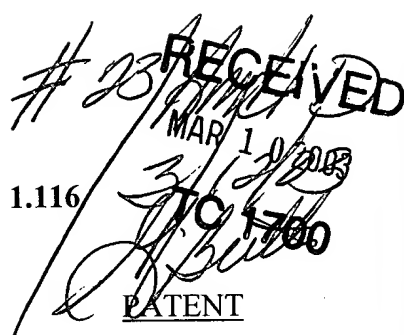
MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By:   
Name: Douglas P. Mueller  
Reg. No.: 30,300  
DMueller:CAJ:PSTtdm





**RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1723**



S/N 09/600,203

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	OGATA ET AL.	Examiner:	M. SAVAGE
Serial No.:	09/600,203	Group Art Unit:	1723
Filed:	AUGUST 9, 2000	Docket No.:	13409.1USWO
Title:	FILTER CARTRIDGE		

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By: \_\_\_\_\_

Name: John Junkers

**AMENDMENT UNDER 37 C.F.R. § 1.116**

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed December 5, 2002, Applicants provide the following amendments and remarks.

**In the Claims**

Please amend claims 1 - 2, 4 - 7, and 11 and add claim 16 as indicated herein.

1. (Thrice amended) A filter cartridge comprising a strip, spun bonded non-woven fabric, the fabric comprising a thermoplastic fiber in which at least a part of fiber intersections is thermally adhered by a thermal compression bonding method or a method using a heat treating machine of a hot blast-circulating type, a heat through-air type, an infrared heater type, or a vertical hot blast-blowing type, wherein the strip, spun bonded non-woven fabric is wound around a perforated cylinder in a twill form.